

03/06/02  
JCC996 U.S. Pro  
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03-07-02

JCC996 U.S. Pro  
10/09/2002  
03/06/02

Commissioner for Patents  
Washington, DC 20231  
ATTN: BOX PATENT APPLICATION

Sheet 1 of 2

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
Docket No.: 01-484  
Date: March 6, 2002

U.S. Express Mail Label No.: EV018464106US

Inventor Name(s):  
IMED (NMI) GHARSALLI AND DANIEL E. SHEARER

Title:  
INPUT/OUTPUT INTERFACE CONTROL

- Fee Transmittal Form Attached in Duplicate
- Specification and Claim(s) [Total Pages 10 ]
- Drawing(s) [Total Sheets 2 ]  
FORMAL

Declaration [Total Pages 1 ]

- Newly Executed (Original or Copy)
- Copy From Prior Application (37 CFR § 1.63(d))
- Deletion of Inventor(s) (37 CFR § 1.63(d)(2))  
(Signed Statement Attached)

- ✓  Assignment Papers (Cover Sheet and Document(s))
- 37 CFR § 3.73(b) Statement (if applicable)  Power of Attorney
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449
- Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (Specifically Itemized)
- Certified Copy of Priority Document(s)
- Other

--Continue Next Page--

If a Continuing Application

Continuation       Divisional       Continuation-In-Part (CIP)

of prior Application No.: ;

Examiner: ; and

Group/Art Unit:

Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

Customer Number or Bar Code Label: 719

or

Correspondence address below:

Name:

Address:

City:

State:

Zip Code:

Country:

\*\*\*\*\*

Attorney/Agent: Robin S. Spellman

Registration No.: P50,393

Signature:

Robin S. Spellman  
Caterpillar Inc.

Date: 3/6/2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740)

**Complete if Known**

Application Number	(Unassigned)
Filing Date	(Herewith)
First Named Inventor	Imed (NMI) Gharsalli ET AL.
Examiner Name	(Unassigned)
Group Art Unit	(Unassigned)
Attorney Docket No.	01-484

**METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
 Deposit Account Number **03-1129**  
 Deposit Account Name \_\_\_\_\_  
 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status See 37 CFR 1.27

2.  Payment Enclosed:

- 
- Check
- 
- Credit card
- 
- Money Order
- 
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 370 Utility filing fee	<b>740</b>
106	330	206 165 Design filing fee	
107	510	207 255 Plant filing fee	
108	740	208 370 Reissue filing fee	
114	160	214 80 Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			<b>740</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
15	-20** = 0	x 18	= 0
2	-3** = 0	x 84	= 0
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	280	204 140 Multiple dependent claim, if not paid
109	84	209 42 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
128	1,960	228 980 Extension for reply within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	260	221 140 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,280	241 640 Petition to revive - unintentional	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

0

Complete if applicable

Name (Print/Type)	Robin S. Spellman	Registration No. (Attorney/Agent)	P50,393	Telephone	(309) 675-5682
Signature	<i>Robin S. Spellman</i>			Date	03/06/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.